

## WHAT IS CLAIMED IS:

1. An electro-optical apparatus, comprising;  
an electro-optical device having an image display region on which light from a light source is incident light and a peripheral region around the image display region, and  
a mounting case including a plate disposed so as to face one surface of the electro-optical device and a cover whose portion abuts against the plate, at least a portion of the peripheral region of the electro-optical device held by at least one of the plate and the cover,  
at least one of the plate and the cover include a resin member to fix the electro-optical device to the mounting case and a metal member having a window corresponding to the image display region in the electro-optical device.
2. The electro-optical apparatus according to Claim 1, the resin member provided so as to surround the electro-optical device.
3. The electro-optical apparatus according to Claim 1,  
at least one of the plate and the cover including an attaching portion to attach the electro-optical device encased in the mounting case to an attached portion of a projection display device, and  
the attaching portion provided at the resin member.
4. The electro-optical apparatus according to Claim 3, the attaching portion including attaching holes and cylinder members whose axes are aligned with lines that pass through the centers of the attaching holes.
5. The electro-optical apparatus according to Claim 1, at least one of a portion of the cover abutting against the plate and a portion of the plate abutting against the cover being made of the metal member.
6. The electro-optical apparatus according to Claim 1,  
the plate including an engaging portion,  
the cover including an engaged portion to be engaged with the engaging portion, and  
at least one of the engaging portion and the engaged portion provided in the metal member.
7. The electro-optical apparatus according to Claim 1, the linear expansion coefficient of the resin member being substantially the same as that of the metal member.
8. The electro-optical apparatus according to Claim 1,  
the resin member and the metal member being provided in the cover,

the metal member made of a plate shaped member including the window, and the resin member molded on the plate shaped member.

9. The electro-optical apparatus according to Claim 1, one of the plate and the cover including the resin member and the metal member and the other including only the metal member.

10. A mounting case, comprising:

a plate disposed so as to face one surface of an electro-optical device having an image display region on which projection light from a light source is incident light and a peripheral region around the image display region, and a cover to cover the electro-optical device, a portion of the cover abutting against the plate,

the mounting case accommodating the electro-optical device by holding at least a portion of the peripheral region of the electro-optical device in at least one of the plate and the cover, and

at least one of the plate and the cover including a resin member to fix the electro-optical device to the mounting case and a metal member having a window corresponding to the image display region in the electro-optical device.

11. A projection display apparatus, comprising:

an electro-optical device encased in the mounting case according to Claim 10;

a light source,

an optical system to guide the projection light onto the electro-optical device;

and

a projection optical system to project the projection light emitted from the electro-optical device.